



PCT09

RAW SEQUENCE LISTING

DATE: 04/21/2003

PATENT APPLICATION: US/09/913,770A

TIME: 13:43:13

Input Set : N:\AMC\SEQ068rev.txt

Output Set: N:\CRF4\04212003\I913770A.raw

3 <110> APPLICANT: Takeda Chemical Industries, Ltd.
 5 <120> TITLE OF INVENTION: Novel G Protein Coupled Receptor Protein and Its DNA
 7 <130> FILE REFERENCE: 2590WOOP
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/913,770A
 C--> 9 <141> CURRENT FILING DATE: 2001-08-17
 9 <150> PRIOR APPLICATION NUMBER: JP 11-041336
 10 <151> PRIOR FILING DATE: 1999-02-19
 12 <150> PRIOR APPLICATION NUMBER: JP 11-125768
 13 <151> PRIOR FILING DATE: 1999-05-06
 15 <160> NUMBER OF SEQ ID NOS: 4
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 340
 19 <212> TYPE: PRT
 20 <213> ORGANISM: Human
 22 <400> SEQUENCE: 1
 23 Met Asn Pro Phe His Ala Ser Cys Trp Asn Thr Ser Ala Glu Leu Leu
 24 5 10 15
 25 Asn Lys Ser Trp Asn Lys Glu Phe Ala Tyr Gln Thr Ala Ser Val Val
 26 20 25 30
 27 Asp Thr Val Ile Leu Pro Ser Met Ile Gly Ile Ile Cys Ser Thr Gly
 28 35 40 45
 29 Leu Val Gly Asn Ile Leu Ile Val Phe Thr Ile Ile Arg Ser Arg Lys
 30 50 55 60
 31 Lys Thr Val Pro Asp Ile Tyr Ile Cys Asn Leu Ala Val Ala Asp Leu
 32 65 70 75 80
 33 Val His Ile Val Gly Met Pro Phe Leu Ile His Gln Trp Ala Arg Gly
 34 85 90 95
 35 Gly Glu Trp Val Phe Gly Gly Pro Leu Cys Thr Ile Ile Thr Ser Leu
 36 100 105 110
 37 Asp Thr Cys Asn Gln Phe Ala Cys Ser Ala Ile Met Thr Val Met Ser
 38 115 120 125
 39 Val Asp Arg Tyr Phe Ala Leu Val Gln Pro Phe Arg Leu Thr Arg Trp
 40 130 135 140
 41 Arg Thr Arg Tyr Lys Thr Ile Arg Ile Asn Leu Gly Leu Trp Ala Ala
 42 145 150 155 160
 43 Ser Phe Ile Leu Ala Leu Pro Val Trp Val Tyr Ser Lys Val Ile Lys
 44 165 170 175
 45 Phe Lys Asp Gly Val Glu Ser Cys Ala Phe Asp Leu Thr Ser Pro Asp
 46 180 185 190
 47 Asp Val Leu Trp Tyr Thr Leu Tyr Leu Thr Ile Thr Thr Phe Phe Phe
 48 195 200 205
 49 Pro Leu Pro Leu Ile Leu Val Cys Tyr Ile Leu Ile Leu Cys Tyr Thr
 50 210 215 220

Does Not Comply
 Corrected Diskette Needed

ppr 2-3

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51 Trp Glu Met Tyr Gln Gln Asn Lys Asp Ala Arg Cys Cys Asn Pro Ser
 52 225 230 235 240
 53 Val Pro Lys Gln Arg Val Met Lys Leu Thr Lys Met Val Leu Val Leu
 54 245 250 255
 55 Val Val Val Phe Ile Leu Ser Ala Ala Pro Tyr His Val Ile Gln Leu
 56 260 265 270
 57 Val Asn Leu Gln Met Glu Gln Pro Thr Leu Ala Phe Tyr Val Gly Tyr
 58 275 280 285
 59 Tyr Leu Ser Ile Cys Leu Ser Tyr Ala Ser Ser Ser Ile Asn Pro Phe
 60 290 295 300
 61 Leu Tyr Ile Leu Leu Ser Gly Asn Phe Gln Lys Arg Leu Pro Gln Ile
 62 305 310 315 320
 63 Gln Arg Arg Ala Thr Glu Lys Glu Ile Asn Asn Met Gly Asn Thr Leu
 64 325 330 335
 65 Lys Ser His Phe
 66 340

68 <210> SEQ ID NO: 2

69 <211> LENGTH: 1023

70 <212> TYPE: DNA

71 <213> ORGANISM: Human

73 <400> SEQUENCE: 2

74 atgaatccat ttcatgcac ttgttggaa acctctgccg aactttttaa caaatcctgg 60
 75 aataaagagt ttgcttatca aactgccagt gtggtagata cagtcaccc ctcttccatg 120
 76 attgggatta tctgttcaac agggctgggt ggcaacatcc tcatgtatt cactataata 180
 77 agatccagga aaaaaacagt ccctgacatc tatatctgca acctggctgt ggctgatttg 240
 78 gtccacatag ttggaatgcc ttttcttatt caccaatggg cccgaggggg agagtgggtg 300
 79 tttggggggc ctctctgcac catcatcaca tccctggata cttgtaacca atttgccctgt 360
 80 agtgccatca tgactgtaat gactgtggac aggtactttg ccctcgtcca accatttcga 420
 81 ctgacacgtt ggagaacaag gtacaagacc atccggatca atttgggcct ttgggcagct 480
 82 tcttttatcc tggcattgcc tgtctgggtc tactcgaagg tcatcaaatt taaagacggt 540
 83 gttgagagtt gtgcttttga ttgacatcc cctgacgatg tactctggta tacactttat 600
 84 ttgacgataa caactttttt tttccctcta cccttgattt tgggtgtgcta tattttaatt 660
 85 ttatgctata cttgggagat gtatcaacag aataaggatg ccagatgctg caatcccagt 720
 86 gtacaaaaac agagagtgat gaagttgaca aagatggtgc tgggtgctgg ggtagtcttt 780
 87 atcctgagtg ctgcccctta tcatgtgata caactggtga acttacagat ggaacagccc 840
 88 acactggcct tctatgtggg ttattacctc tccatctgtc tcagctatgc cagcagcagc 900
 89 attaaccctt ttctctacat cctgctgagt ggaaatttcc agaaacgtct gcctcaaata 960
 90 caaagaagag cgactgagaa ggaaatcaac aatatgggaa acactctgaa atcacacttt 1020
 91 tag 1023

93 <210> SEQ ID NO: 3

94 <211> LENGTH: 24

95 <212> TYPE: DNA

96 <213> ORGANISM: Artificial Sequence

98 <220> FEATURE:

99 <223> OTHER INFORMATION:

W--> 101 <400> 3

102 atgaatccat ttcatgcac ttgt

24

104 <210> SEQ ID NO: 4

105 <211> LENGTH: 25

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Input Set : N:\AMC\SEQ068rev.txt

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106 <212> TYPE: DNA

107 <213> ORGANISM: Artificial Sequence

109 <220> FEATURE:

110 <223> OTHER INFORMATION:

W--> 112 <400> 4

113 ctaaaagtgt gatttcagag tgttt

25

see item 11 on Error Summary Sheet

VERIFICATION SUMMARY

DATE: 04/21/2003

PATENT APPLICATION: US/09/913,770A

TIME: 13:43:14

Input Set : N:\AMC\SEQ068rev.txt

Output Set: N:\CRF4\04212003\I913770A.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:101 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:99

L:112 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:110

STATISTICS SUMMARY

DATE: 04/21/2003

PATENT APPLICATION: US/09/913,770A

TIME: 13:43:14

Input Set : N:\AMC\SEQ068rev.txt

Output Set: N:\CRF4\04212003\I913770A.raw

Application Serial Number: US/09/913,770A

Alpha or Numeric or Xml: Numeric

Application Class:

Application File Date: 08-17-2001

Art Unit: PCT09

Software Application:

Total Number of Sequences: 4

Total Nucleotides: 1072

Total Amino Acids: 340

Number of Errors: 0

Number of Warnings: 2

Number of Corrections: 2

MESSAGE SUMMARY

258 W: 2 (Mandatory Feature missing)

270 C: 1 (Current Application Number differs)

271 C: 1 (Current Filing Date differs)